

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

2035-38

CONTINUATION OF SERIAL NO.

08/191,160

APPLICANT

HIGHFIELD et al

(Use several sheets if necessary)

FILING DATE

GROUP

September 18, 2000

 35 U.S.C. § 101
 09/664363
 09/18/00

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BC	5,372,928	12/1994	MIYAMURA	—	—	
↓	5,350,671	9/1994	HOUGHTON et al	—	—	
	5,106,726	4/1994	WANG	—	—	

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

BC	Attachment A, GCG word search results for claimed SEQ.ID.'s
BC	Attachment B, Sequence alignments used for 35 U.S.C. 102 rejections
BC	Reeck et al, "Homology' in Proteins and Nucleic Acids: A Terminology Muddle and a Way out of it", Cell 50:667 (1987)
BC	Miyamura et al, "Detection of antibody against antigen expressed by molecularly cloned hepatitis C virus cDNA: Application to diagnosis and blood screening for posttransfusion hepatitis", Proc. Natl. Acad. Sci. USA 87:983-987 (1990)
BC	Enomoto et al, "There Are Two Major Types of Hepatitis C Virus in Japan", Biochem. Biophys. Res. Commun. 170(3):1021-1025 (1990)
BC	Farci et al, "Lack of Protective Immunity Against Reinfection With Hepatitis C Virus", Science 258:135-140 (1992)
BC	Kirchhausen et al, "Clathrin Heavy Chain...", Proc. Natl. Acad. Sci. USA 84:8805-8809 (1987)
BC	Tordo et al, "Walking Along The Rabies ...", Proc. Natl. Acad. Sci. USA 83:3914-3918 (1986)
BC	Merson et al, "Molecular Cloning and Sequences ...", Virology 167:97-105 (1988)
BC	Geysen et al, "Cognitive Features of ...", J. Molec. Recognition 1:32-41 (1988)
BC	Kato et al, "Molecular Cloning of the Human Hepatitis C Virus", Proc. Natl. Acad. Sci. USA 87:9524-9528 (1990)

*Examiner

Date Considered

11/16/00

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

LIST OF PRIOR ART CITED BY APPLICANT
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SERIAL NO. CONT. OF
08/191,160

APPLICANT

Peter Edmund Highfield et al.

FILING DATE

Sept. 18, 2000

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SURCLASS	FILING DATE IF APPROPRIATE
<u>pe</u>	AA	4 3 5 6 1 6 4	10/26/82	Tabor et al.	—	—	
<u>pe</u>	AB	4 6 7 3 6 3 4	6/16/87	Seto et al.	—	—	
<u>pe</u>	AC	5 0 7 7 1 9 3	12/31/91	Mishiro et al.	—	—	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SURCLASS	TRANSLATION YES NO
<u>pe</u>	AL	88 3 1 0 9 2 2	5/31/89	European Pat. Appln.	—	—	
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OTHER PRIOR ART (Including Author, Title, Date, Patent Page, Etc.)

<u>pe</u>	AR	Shih et al., Progress in Liver Diseases, Vol. VIII (1986) 8 pp. 433-452
<u>pe</u>	AS	Okamoto et al., Japan J. Exp. Med. (1990) 60, pp. 167-177
	AT	

EXAMINER

Dasgupta

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11/15/01

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Berglund	AA	4 3 5 6 1 6 4	10/26/82	Tabor et al.	-	-	
	AB	4 6 7 3 6 3 4	6/16/87	Seto et al.	-	-	
	AC	5 0 7 7 1 9 3	12/31/91	Mishio et al.	-	-	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Ble	AL	0 3 1 8 2 1 6	05, 31, 89	EP-A	-	-	✓	
ble	AM	2 2 1 2 5 1 1	07, 26, 89	GB-A	-	-	✓	
ble	AN	0 3 8 8 2 3 2	09/9/90	EP-A	-	-	✓	
ble	AO	0 3 9 8 7 4 8	11, 22, 90	EP-A	-	-	✓	
ble	AP	0 4 1 4 4 7 5	02, 27, 91	EP-A	-	-	✓	

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Ble	AR	Bradley et al., Gastroenterology, 88, 773-779 (1985)
	AS	Bradley et al., Proc. Natl. Acad. Sci. (USA), 84, 6277-6281 (1987)
✓	AT	Bradley & Maynard, Seminars in Liver Diseases, 6(1), 56-66 (1986)

EXAMINER

Berglund

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AL	4 1 9 1 8 2	07/17/90	EP-A			✓
AM	4 5 0 9 3 1	10/09/91	EP-A	-	-	✓
AN	0 5 8 6 7 6	01/21/82	EP-B	-	-	✓
AO	8 2 0 2 7 7 4	05/03/82	WO	-	-	✓
AP	0 6 1 9 7 4	10/06/82	EP-B	-	-	✓

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AR	Iwarson, Brit. Med. J., 295, 946-948 (1987)
AS	He et al., J. Infect. Dis., 156(4), 636-640 (1987)
AT	Nature, 333, 19 May 1988, p. 195

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Bogdan L.

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BCE	AL 0 6 6 2 9 6	02.06.82	EP-B	-	-	✓
↓	AM 0 9 2 2 4 9	10.26.83	EP-B	-	-	✓
↓	AN 1 8 6 5 2 6	07.02.88	EP-B	-	-	✓
↓	AO 8 6 0 3 4 9 8	08.19.86	WO	-	-	✓
↓	AP 1 9 0 9 7 2	06.13.86	EP-B	-	-	✓

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BCE	AR	Choo et al., Science, 244, 359-362 (1989)
BCE	AS	Kuo et al., Science, 244 362-364 (1989)
BCE	AT	Esteban et al., The Lancet, 5th August 1989, 294-296

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D. S. S. S. S.

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BW	AL 194207	09/10/86	EP-A	—	—	✓	
	AM 242300	10/21/87	EP-A	—	—		✓
	AN 263761	04/13/88	EP-A	—	—	✓	
	AO 277437	08/10/88	EP-A	—	—		✓
✓	AP 279460	08/24/88	EP-A	—	—		✓

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BW	AR	Van de Poel et al., The Lancet, 5th August 1989, 297-298
	AS	Kuhn et al., The Lancet, 5th August 1989, 324
✓	AT	Roggendorf et al., The Lancet, 5th August 1989, 324-325

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Baogun Li

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HIGHFIELD et al

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							YES	NO
Bee.	AL	2 9 3 2 7 4	11, 30, 88	EP-A	—	—	✓	
Bee.	AM	3 3 5 1 5 3	10, 04, 89	EP-A	—	—		✓
Bee.	AN	8 9 1 2 6 4 1	12, 18 89	WO	—	—	✓	
Bee.	AO	8 9 1 2 4 6 2	12, 28 89	WO	—	—	✓	
Bee.	AP	9 0 0 0 5 9 7	01, 25, 90	WO	—	—	✓	

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Bee.	AR	Maeno et al., Nucleic Acids Res., 18(4), 2685-2689 (1990)
Bee.	AS	Takeuchi et al., Nucleic Acids Res., 18(15), 4626 (1990)
Bee.	AT	Takeuchi et al., Gene, 91, 287-291 (1990)

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Baegele

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AL	9 0 0 2 2 0 6	03/08/90	WO	-	-	✓
AM	3 6 3 0 2 5	4/11/90	EP-A	-	-	✓
AN	3 7 7 3 0 3	67/11/90	EP-A	-	-	✓
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AR	Kubo et al., Nucleic Acids Res., 17(24), 10367-10372 (1989)
AS	Arima et al., Chem. Abs., 112, page 209 112:1980n (1990) Gastroenterol. Jpn., 24(5), 540-544 (1989) (abstract only)
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BCE	AR	Arima et al., chem Abs., 112, page 441 112:95311v (1990)
		Gastroenterol. Jpn., 24(6), 685-691 (1989) (abstract only)
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